

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1. (Original) A structure of a work machine having a plurality of drive parts which are individually driven and controlled with hydraulic pressure, comprising:

a base;

a boom bracket horizontally rotatably mounted on the base;

a boom serving as one of the drive parts, the boom being vertically rotatably attached on the boom bracket;

a pivot pin vertically penetrating the base and the boom bracket so that the base and the boom bracket are tightened thereon while the base and boom bracket being horizontally rotatable with respect to each other;

hydraulic actuators for driving the respective drive parts;

a hose guide member fixed to an upper end portion of the pivot pin so that the hose guide member and the boom bracket can be integrally rotated horizontally with respect to the base, and

operation oil hoses extended from the base for supplying operation oil to the hydraulic actuators, wherein the operation oil hoses are guided and piped to the inside of the boom via the hose guide member.

2. (Original) The work machine structure according to claim 1, further comprising:

an arm serving as one of the drive parts, the arm being relatively rotatably attached on a tip end of the boom, and

a work attachment serving as one of the drive parts, the work attachment being relatively rotatably attached on a tip end of the arm, wherein the operation oil hoses which are guided and piped into the boom via the hose guide member are provided for supplying the operation oil to the respective hydraulic actuators for driving the work attachment and the arm.

3. (Original) A structure of a work machine having a plurality of drive parts which are individually driven and controlled with hydraulic pressure, comprising:

a base;

a boom bracket mounted on the base, the boom bracket being formed on its upper end with a pair of boom support portions and provided below each of the boom support portions with a hose guide hole;

a boom serving as one of the drive parts, the boom being provided at its base end with a pair of supported portions formed in a bifurcated manner, wherein each of the supported portions is pivoted by each of the boom support portions via a horizontal pivot shaft so that the boom is vertically rotatably attached on the boom bracket;

hydraulic actuators for driving the respective drive parts of the work machine,
and

operation oil hoses for supplying operation oil to the hydraulic actuators extending from the base, wherein each of the operation oil hoses penetrates through each of the hose guide holes.

4. (Original) The work machine structure according to claim 3, further comprising:

a hydraulic actuator for driving the boom being arranged on a side of the boom opposite to the base, wherein the operation oil hoses penetrating through the respective hose guide holes are provided to supply operation oil to the hydraulic actuator for driving the boom.

5. (Original) The work machine structure according to claim 3, wherein the boom bracket is provided with a pair of ribs formed downwardly on both sides of each of the boom support portions so that the operation oil hose penetrating through each of the hose guide hole is passed through each of a valley between both the ribs below each of the support bracket portions.

6. (Previously Presented) A structure of a work machine having a plurality of drive parts which are individually driven and controlled with hydraulic pressure, comprising:

a base;

a boom bracket mounted on the base;

a boom serving as one of the drive parts, the boom being vertically rotatably attached on the boom bracket, a supported portion to be pivoted on the boom bracket being joined to a base end of a main body of the boom, and

a reinforcement member being plastered on a joint portion between the main body and the supported portion of the boom, wherein the reinforcement member is formed of a plate-like member which becomes thinner toward a tip end of the boom.

7. (Previously Presented) A structure of a work machine having a plurality of drive parts individually controlled and driven by respective hydraulic actuators, comprising:

a base on which the work machine is attached, the base including an upper plate portion arranged in the vicinity of the work machine;

a first plurality of operation oil hoses extending from the base for supplying operation oil to the respective hydraulic actuators;

end portion connectors of the oil hoses being arranged on the upper plate portion, and

a second plurality of operation oil hoses piped on the work machine to be connected to the respective hydraulic actuators, wherein end portions of the second plurality of operation oil hoses piped on the work machine are detachably connected to the respective end portion connectors of the first plurality of operation oil hoses extending from the base.

8. (Previously Presented) A structure of a work machine having a plurality of drive parts which are individually controlled and driven with the hydraulic pressure, comprising:

a base;

a boom serving as one of the drive parts, the boom being pivoted at its base end on the base;

an arm serving as one of the drive parts, the arm being pivoted on a tip end of the boom;

a hydraulic actuator for driving the arm;
an operation oil hose piped inside of the boom for supplying operation oil to the hydraulic actuator, and
a pair of mutually oppositely located brackets for pivoting a base end of the hydraulic actuator, the pair of brackets being arranged on a rear surface of the boom, wherein the boom is provided on its rear surface between the brackets with a hose taking-out opening for pulling the operation oil hose from the inside of the boom to the outside through said pair of brackets.

9. (Original) The work machine structure according to claim 8, wherein the boom is bent at its intermediate portion so as to be substantially doglegged, wherein the brackets are arranged in the vicinity of the bent intermediate portion of the boom, wherein the hose taking-out opening is open at the rear surface of the boom shifted to the arm from the bent portion, further comprising:

a cover attachment washer fixed to the peripheral portion of the hose taking-out opening so as to reinforce the peripheral portion of the hose taking-out opening in the boom, wherein a cover can be attached on the cover attachment washer for sealing the hose taking-out opening while allowing the piping of the operation oil hose to the hydraulic actuator for driving the arm.

10. (Original) The work machine structure according to claim 8, further comprising:

a cover for sealing the hose taking-out opening, the cover being attached on a portion of the rear surface of the boom forming the hose taking-out opening while

allowing the piping of the hose for supplying operation oil to the hydraulic actuator for driving the arm, wherein the cover has an inclined portion from the rear surface of the boom to the inside of the boom along the hose.

11. (Previously Presented) A structure of a work machine having a plurality of drive parts which are individually

controlled and driven with the hydraulic pressure, comprising:

- a base;

- a boom serving as one of the drive parts, the boom being pivoted at its base end on the base, wherein the boom is bent at an intermediate portion thereof so as to be substantially doglegged, and wherein the boom has a rear surface between the bent portion and the tip end thereof, and a rear surface between the bent portion and the base end thereof;

- an arm serving as one of the drive parts, the arm being pivoted on a tip end of the boom;

- a hydraulic actuator for driving the arm;

- a first operation oil hose for supplying operation oil to the hydraulic actuator, the first operating oil hose being piped inside of the boom,

- a hose attachment plate arranged in the vicinity of the bent portion of the boom, wherein the first operation oil hose piped inside the boom penetrates through the hose attachment plate;

- an end portion connector of the first operation oil hose, the end portion connector being arranged on the external surface of the hose attachment plate, and

a second operation oil hose connected to the hydraulic actuator, an end portion of the second operation oil hose connected to the hydraulic actuator being detachably connected to the end portion connector of the first operation oil hose piped inside of the boom, wherein the hose attachment plate is arranged in such a manner that an angle thereof formed with the rear surface of the boom between the bent portion and the tip end becomes substantially equal to another angle thereof formed with the rear surface of the boom between the bent portion and the base end.

12. (Original) A structure of a work machine having a plurality of drive parts which are individually controlled and driven with hydraulic pressure, comprising:

a base;

a boom serving as one of the drive parts, the boom being pivoted at its base end on the base;

an angle rib fixed to a tip end of the boom, wherein a surface of the angle rib to be attached to the rear surface of the boom is extended toward the base end of the boom so as to form an extension portion, and

an open hole communicating the inside and the outside of the boom, the open hole being formed on the extension portion.

13. (Previously Presented) A structure of a work machine having a plurality of drive parts which are individually controlled and driven with the hydraulic pressure, comprising:

a base;

a boom serving as one of the drive parts, the boom being pivoted at its base end on the base;

an arm serving as one of the drive parts, the arm being pivoted on a tip end of the boom;

a work attachment serving as one of the drive parts, the work attachment being pivoted on a tip end of the arm;

a hydraulic actuator for driving the work attachment;

a first operation oil hose for supplying operation oil to the hydraulic actuator, the first operation oil hose being piped inside of the boom;

an angle rib fixed to the tip end of the boom, wherein the angle rib is provided with an inclined surface from a tip end portion of the angle rib to a rear surface of the boom, and wherein the first operation oil hose piped inside of the boom penetrates the inclined surface;

an end portion connector of the first operation oil hose being arranged on an external side of the inclined surface, and

a second operation oil hose connected to the work attachment, wherein an end portion of the second operation oil hose connected to the work attachment is detachably connected to the end portion connector of the first operation oil hose piped inside of the boom.

14. (Currently Amended) A structure of a work machine having a plurality of drive parts which are individually controlled and driven with hydraulic pressure, comprising:

a base;

a boom serving as one of the drive parts, the boom being pivoted at its base end on the base;

an arm serving as one of the drive parts, the arm being pivoted on a tip end of the boom;

an arm fulcrum bracket fixed to the tip end portion of a main body of the boom for pivoting a base end of the arm, the arm fulcrum bracket including a main plate member, a reinforcement plate, ~~and a bracket having a hose running therethrough~~, the main plate member being joined to the tip end portion of the boom and projecting further than the tip end portion of the main body of the boom, the reinforcement plate being plastered on and contained within an inside surface of the projecting portion of the main plate member, so that the main plate member and the reinforcing plate constitute a pivoting portion for pivoting the base end of the arm.